

SPRAY ON BANDAGE AND DRUG DELIVERY SYSTEM

ABSTRACT

5 The present invention provides novel “patch in a bottle” technology in which a
fluid composition, e.g., an aerosol spray, is applied onto a surface as a fluid, but then dries to
form a covering element, such as a patch, having a tack free outer surface covering an underlying
adhesive that helps adhere the patch to the substrate. The fluid compositions have a unique
chemical formulation that allows such composite patches to form in situ. Specifically, the fluid
10 compositions include a tacky component, such as an adhesive, and a film-forming, non-tacky
component. The non-tacky and tacky components are selected to be immiscible with each other
so that the components undergo phase separation as the fluid composition dries.

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